

Patent claims

1. Procedure for reproduction of a photographic picture in an article of glass, where the picture comprises one or more colours,

5 **characterized in the steps**

– transfer of the picture to one of the article surfaces, where the colours are applied on the surface in moments one by one,

– firing in sequences the article with colours supplied while holding the temperature constant on various levels during times of different length, and

10 – the highest temperature is determined from the viscosity of the glass, and this temperature is maintained as long as the colouring substances melts into the surface layer of the article retaining the thickness of the glass.

15 2. Procedure according to claim 1 **characterized in** that the temperature during any firing sequence amounts to at least 700°C.

3. Procedure according to claim 1 or 2, **characterized in** that one or more colours is of a ceramic material.

20 4. Procedure according to any of the proceeding claims, **characterized in** that the surface where the picture will be placed is free from metal ions.

5. Procedure according to any of the proceeding claims, **characterized in** that at least one colour is applied by means of silk screen printing.

25 6. Procedure according to any of the proceeding claims, **characterized in** that at least one colour is applied by spraying on the glass surface by means of a nozzle.

30 7. Procedure according to any of the claims 1 to 5, **characterized in** that one or more nozzles for colour application are governed from a computer, the picture being programmed into that.

8. Procedure according to any of the proceeding claims, **characterized in** the picture has been screened with an anti-scatter grid before the transfer to the article.

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9. Procedure according to any of the proceeding claims, **characterized in** that the article is supported on a mould during firing, which support has a shaping surface, whereupon the article article is placed with the pictured surface turned away from the shaping surface.